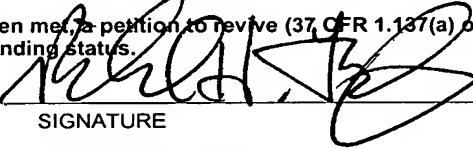
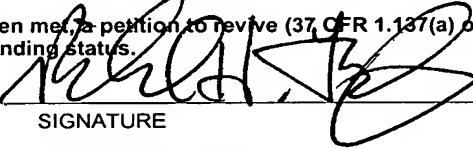
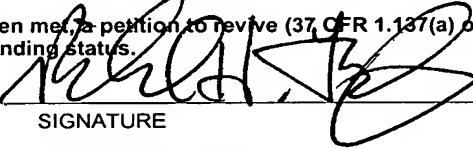


FORM PTO-1390 (Modified) U.S. PATENT AND TRADEMARK OFFICE; U.S. DEPARTMENT OF COMMERCE (REV. 2-2005)		ATTORNEY'S DOCKET NUMBER 66307-348	
TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A SUBMISSION UNDER 35 U.S.C. 371		U.S. APPLICATION NO. (If known, see 37 CFR 1.5) 10/541679	
INTERNATIONAL APPLICATION NO. PCT/GB2004/000077	INTERNATIONAL FILING DATE 9 January 2004	PRIORITY DATE CLAIMED 10 January 2003	
TITLE OF INVENTION			
IMPROVED SECURITY THREAD			
APPLICANT(S) FOR DO/EO/US Roland ISHERWOOD			
<p>Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:</p> <ol style="list-style-type: none"> 1. <input checked="" type="checkbox"/> This is a FIRST submission of items concerning a submission under 35 U.S.C. 371. 2. <input type="checkbox"/> This is a SECOND or SUBSEQUENT submission of items concerning a submission under 35 U.S.C. 371. 3. <input checked="" type="checkbox"/> This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (24) indicated below. 4. <input type="checkbox"/> The US has been elected (Article 31). 5. <input checked="" type="checkbox"/> A copy of the International Application as filed (35 U.S.C. 371 (c)(2)) <ol style="list-style-type: none"> a. <input checked="" type="checkbox"/> is attached hereto (required only if not communicated by the International Bureau). b. <input type="checkbox"/> has been communicated by the International Bureau. c. <input type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US). 6. <input checked="" type="checkbox"/> An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)). <ol style="list-style-type: none"> a. <input checked="" type="checkbox"/> is attached hereto. b. <input type="checkbox"/> has been previously submitted under 35 U.S.C. 154(d)(4). 7. <input type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371 (c)(3)) <ol style="list-style-type: none"> a. <input type="checkbox"/> are attached hereto (required only if not communicated by the International Bureau). b. <input type="checkbox"/> have been communicated by the International Bureau. c. <input type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired. d. <input type="checkbox"/> have not been made and will not be made. 8. <input type="checkbox"/> An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)). 9. <input type="checkbox"/> An oath or declaration of the inventor(s) (35 U.S.C. 371 (c)(4)). 10. <input checked="" type="checkbox"/> An English language translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371 (c)(5)). 11. <input checked="" type="checkbox"/> A copy of the International Preliminary Examination Report (PCT/IPEA/409). 12. <input checked="" type="checkbox"/> A copy of the International Search Report (PCT/ISA/210). <p>Items 13 to 23 below concern document(s) or information included:</p> <ol style="list-style-type: none"> 13. <input checked="" type="checkbox"/> An Information Disclosure Statement under 37 CFR 1.97 and 1.98. 14. <input type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included. 15. <input checked="" type="checkbox"/> A FIRST preliminary amendment. 16. <input type="checkbox"/> A SECOND or SUBSEQUENT preliminary amendment. 17. <input type="checkbox"/> A substitute specification. 18. <input type="checkbox"/> A power of attorney and/or change of address letter. 19. <input type="checkbox"/> A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821 - 1.825. 20. <input type="checkbox"/> A second copy of the published International Application under 35 U.S.C. 154(d)(4). 21. <input type="checkbox"/> A second copy of the English language translation of the International Application under 35 U.S.C. 154(d)(4). 22. <input type="checkbox"/> Express Mail Label No. 23. <input checked="" type="checkbox"/> Other items or information: <p>WO 2004/062943</p>			

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

U.S. APPLICATION NO (if known, see 37 CFR 1.5) 10/541679		INTERNATIONAL APPLICATION NO. PCT/GB2004/000077		ATTORNEY'S DOCKET NUMBER 66307-348																																																																																																																																																																																																																	
The following fees are submitted:																																																																																																																																																																																																																					
<table border="1"> <tr> <th colspan="2"></th> <th colspan="2">CALCULATIONS</th> <th colspan="2">PTO USE</th> </tr> <tr> <td>24. <input checked="" type="checkbox"/> Basic national fee</td> <td>\$300</td> <td>\$</td> <td>\$300.00</td> <td colspan="2"></td> </tr> <tr> <td>25. <input checked="" type="checkbox"/> Examination fee If International preliminary examination report prepared by USPTO and all claims satisfy provisions of PCT Article 33(1)-(4).</td> <td>\$100</td> <td>\$</td> <td>\$200.00</td> <td colspan="2"></td> </tr> <tr> <td>All other situations.</td> <td>\$200</td> <td></td> <td></td> <td colspan="2"></td> </tr> <tr> <td>26. <input checked="" type="checkbox"/> Search fee</td> <td>\$100</td> <td></td> <td></td> <td colspan="2"></td> </tr> <tr> <td>Search fee (37 CFR 1.445(a)(2)) has been paid on the international application to the USPTO as an International-Searching-Authority.....</td> <td>\$400</td> <td></td> <td></td> <td colspan="2"></td> </tr> <tr> <td>International Search Report prepared and provided to the Office</td> <td>\$500</td> <td>\$</td> <td>\$400.00</td> <td colspan="2"></td> </tr> <tr> <td>All other situations.</td> <td></td> <td>\$</td> <td>\$900.00</td> <td colspan="2"></td> </tr> <tr> <td colspan="6">TOTAL OF 24, 25 and 26 =</td> </tr> <tr> <td colspan="6"> <input type="checkbox"/> Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing or computer program listing filed in an electronic medium). The fee is \$250 for each additional 50 sheets of paper or fraction thereof. </td> </tr> <tr> <td>Total Sheets</td> <td>Extra Sheets</td> <td colspan="2">Number of each additional 50 or fraction thereof (round up to a whole)</td> <td colspan="2">RATE</td> </tr> <tr> <td>30 - 100 =</td> <td>0 /50 =</td> <td colspan="2">0</td> <td>x \$250.00</td> <td>\$ \$0.00</td> </tr> <tr> <td colspan="6">Surcharge of \$130.00 for furnishing the oath or declaration later than months from the earliest claimed priority date (37 CFR 1.492(e)).</td> </tr> <tr> <td>CLAIMS</td> <td>NUMBER FILED</td> <td>NUMBER EXTRA</td> <td colspan="3">RATE</td> </tr> <tr> <td>Total claims</td> <td>27 - 20 =</td> <td>7</td> <td>x \$50.00</td> <td>\$ \$350.00</td> <td></td> </tr> <tr> <td>Independent claims</td> <td>1 - 3 =</td> <td>0</td> <td>x \$200.00</td> <td>\$ \$0.00</td> <td></td> </tr> <tr> <td colspan="3">MULTIPLE DEPENDENT CLAIMS (if applicable) <input type="checkbox"/></td> <td>+ \$360.00</td> <td>\$ \$0.00</td> <td></td> </tr> <tr> <td colspan="6">TOTAL OF ABOVE CALCULATIONS =</td> </tr> <tr> <td colspan="6"> <input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are reduced by 1/2. </td> </tr> <tr> <td colspan="6">SUBTOTAL =</td> </tr> <tr> <td colspan="6">Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(f)).</td> </tr> <tr> <td colspan="6">TOTAL NATIONAL FEE =</td> </tr> <tr> <td colspan="6">Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40 per property + \$ \$0.00</td> </tr> <tr> <td colspan="6">TOTAL FEES ENCLOSED =</td> </tr> <tr> <td colspan="6"> <table border="1"> <tr> <td>Amount to be</td> <td>\$</td> </tr> <tr> <td>Amount to be</td> <td>\$</td> </tr> </table> </td> </tr> <tr> <td>a. <input type="checkbox"/> A check in the amount of \$ _____ to cover the above fees is enclosed.</td> <td colspan="5"></td> </tr> <tr> <td>b. <input checked="" type="checkbox"/> Please charge my Deposit Account No. <u>04-2223</u> in the amount of <u>\$1,250.00</u> to cover the above fees. A duplicate copy of this sheet is enclosed.</td> <td colspan="5"></td> </tr> <tr> <td>c. <input checked="" type="checkbox"/> The Director is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. <u>04-2223</u>. A duplicate copy of this sheet is enclosed.</td> <td colspan="5"></td> </tr> <tr> <td>d. <input type="checkbox"/> Fees are to be charged to a credit card. WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.</td> <td colspan="5"></td> </tr> <tr> <td colspan="6">NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the International Application to pending status.</td> </tr> <tr> <td colspan="6">SEND ALL CORRESPONDENCE TO: 25269</td> </tr> <tr> <td colspan="6">  SIGNATURE Richard H. Tushin </td> </tr> <tr> <td colspan="6"> NAME 27,297 </td> </tr> <tr> <td colspan="6"> REGISTRATION NUMBER </td> </tr> </table>								CALCULATIONS		PTO USE		24. <input checked="" type="checkbox"/> Basic national fee	\$300	\$	\$300.00			25. <input checked="" type="checkbox"/> Examination fee If International preliminary examination report prepared by USPTO and all claims satisfy provisions of PCT Article 33(1)-(4).	\$100	\$	\$200.00			All other situations.	\$200					26. <input checked="" type="checkbox"/> Search fee	\$100					Search fee (37 CFR 1.445(a)(2)) has been paid on the international application to the USPTO as an International-Searching-Authority.....	\$400					International Search Report prepared and provided to the Office	\$500	\$	\$400.00			All other situations.		\$	\$900.00			TOTAL OF 24, 25 and 26 =						<input type="checkbox"/> Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing or computer program listing filed in an electronic medium). The fee is \$250 for each additional 50 sheets of paper or fraction thereof.						Total Sheets	Extra Sheets	Number of each additional 50 or fraction thereof (round up to a whole)		RATE		30 - 100 =	0 /50 =	0		x \$250.00	\$ \$0.00	Surcharge of \$130.00 for furnishing the oath or declaration later than months from the earliest claimed priority date (37 CFR 1.492(e)).						CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE			Total claims	27 - 20 =	7	x \$50.00	\$ \$350.00		Independent claims	1 - 3 =	0	x \$200.00	\$ \$0.00		MULTIPLE DEPENDENT CLAIMS (if applicable) <input type="checkbox"/>			+ \$360.00	\$ \$0.00		TOTAL OF ABOVE CALCULATIONS =						<input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are reduced by 1/2.						SUBTOTAL =						Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(f)).						TOTAL NATIONAL FEE =						Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40 per property + \$ \$0.00						TOTAL FEES ENCLOSED =						<table border="1"> <tr> <td>Amount to be</td> <td>\$</td> </tr> <tr> <td>Amount to be</td> <td>\$</td> </tr> </table>						Amount to be	\$	Amount to be	\$	a. <input type="checkbox"/> A check in the amount of \$ _____ to cover the above fees is enclosed.						b. <input checked="" type="checkbox"/> Please charge my Deposit Account No. <u>04-2223</u> in the amount of <u>\$1,250.00</u> to cover the above fees. A duplicate copy of this sheet is enclosed.						c. <input checked="" type="checkbox"/> The Director is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. <u>04-2223</u> . A duplicate copy of this sheet is enclosed.						d. <input type="checkbox"/> Fees are to be charged to a credit card. WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.						NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the International Application to pending status.						SEND ALL CORRESPONDENCE TO: 25269						 SIGNATURE Richard H. Tushin						NAME 27,297						REGISTRATION NUMBER					
		CALCULATIONS		PTO USE																																																																																																																																																																																																																	
24. <input checked="" type="checkbox"/> Basic national fee	\$300	\$	\$300.00																																																																																																																																																																																																																		
25. <input checked="" type="checkbox"/> Examination fee If International preliminary examination report prepared by USPTO and all claims satisfy provisions of PCT Article 33(1)-(4).	\$100	\$	\$200.00																																																																																																																																																																																																																		
All other situations.	\$200																																																																																																																																																																																																																				
26. <input checked="" type="checkbox"/> Search fee	\$100																																																																																																																																																																																																																				
Search fee (37 CFR 1.445(a)(2)) has been paid on the international application to the USPTO as an International-Searching-Authority.....	\$400																																																																																																																																																																																																																				
International Search Report prepared and provided to the Office	\$500	\$	\$400.00																																																																																																																																																																																																																		
All other situations.		\$	\$900.00																																																																																																																																																																																																																		
TOTAL OF 24, 25 and 26 =																																																																																																																																																																																																																					
<input type="checkbox"/> Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing or computer program listing filed in an electronic medium). The fee is \$250 for each additional 50 sheets of paper or fraction thereof.																																																																																																																																																																																																																					
Total Sheets	Extra Sheets	Number of each additional 50 or fraction thereof (round up to a whole)		RATE																																																																																																																																																																																																																	
30 - 100 =	0 /50 =	0		x \$250.00	\$ \$0.00																																																																																																																																																																																																																
Surcharge of \$130.00 for furnishing the oath or declaration later than months from the earliest claimed priority date (37 CFR 1.492(e)).																																																																																																																																																																																																																					
CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE																																																																																																																																																																																																																		
Total claims	27 - 20 =	7	x \$50.00	\$ \$350.00																																																																																																																																																																																																																	
Independent claims	1 - 3 =	0	x \$200.00	\$ \$0.00																																																																																																																																																																																																																	
MULTIPLE DEPENDENT CLAIMS (if applicable) <input type="checkbox"/>			+ \$360.00	\$ \$0.00																																																																																																																																																																																																																	
TOTAL OF ABOVE CALCULATIONS =																																																																																																																																																																																																																					
<input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are reduced by 1/2.																																																																																																																																																																																																																					
SUBTOTAL =																																																																																																																																																																																																																					
Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(f)).																																																																																																																																																																																																																					
TOTAL NATIONAL FEE =																																																																																																																																																																																																																					
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40 per property + \$ \$0.00																																																																																																																																																																																																																					
TOTAL FEES ENCLOSED =																																																																																																																																																																																																																					
<table border="1"> <tr> <td>Amount to be</td> <td>\$</td> </tr> <tr> <td>Amount to be</td> <td>\$</td> </tr> </table>						Amount to be	\$	Amount to be	\$																																																																																																																																																																																																												
Amount to be	\$																																																																																																																																																																																																																				
Amount to be	\$																																																																																																																																																																																																																				
a. <input type="checkbox"/> A check in the amount of \$ _____ to cover the above fees is enclosed.																																																																																																																																																																																																																					
b. <input checked="" type="checkbox"/> Please charge my Deposit Account No. <u>04-2223</u> in the amount of <u>\$1,250.00</u> to cover the above fees. A duplicate copy of this sheet is enclosed.																																																																																																																																																																																																																					
c. <input checked="" type="checkbox"/> The Director is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. <u>04-2223</u> . A duplicate copy of this sheet is enclosed.																																																																																																																																																																																																																					
d. <input type="checkbox"/> Fees are to be charged to a credit card. WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.																																																																																																																																																																																																																					
NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the International Application to pending status.																																																																																																																																																																																																																					
SEND ALL CORRESPONDENCE TO: 25269																																																																																																																																																																																																																					
 SIGNATURE Richard H. Tushin																																																																																																																																																																																																																					
NAME 27,297																																																																																																																																																																																																																					
REGISTRATION NUMBER																																																																																																																																																																																																																					